

## ABSTRACT OF THE DISCLOSURE

The invention relates to a process for producing wood fiberboard by pressing wood fibers which have been treated with binder, in which the wood fibers are boiled and milled at elevated temperature under steam pressure in a refiner unit, subsequently are transferred to a blow-line, then dried and finally pressed under pressure and, if desired, at elevated temperature to produce boards, wherein the treatment with binder is carried out using a multi-component binder, preferably with one component A) containing functional groups which are nonreactive at elevated temperature and a second component B) containing functional groups which are reactive at elevated temperature the component A) being added in the refiner unit at a temperature of from 120°C to 200°C prior to the milling step, during the milling step, or shortly after the milling step in the front section of the blow-line and component B) being added at a lower temperature of not more than 150°C at the end of the blow-line or during or after the drying of the wood fibers.